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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

KASSA, HILINA S

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/733,812	Applicant(s) TANIMOTO, AKIHITO	
	Examiner HILINA S. KASSA	Art Unit 2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 April 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 3-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 3-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. The amendment made to the specification and the claims has been acknowledged. Claim 2 is cancelled.
2. Claims 1, 3-7 are pending.

Response to Arguments

3. Applicant's arguments with respect to claims 1-7 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ueno (Japanese Publication Number 08-030413) in view of Yamada et al. (US Patent Number 6,932,523).

(1) regarding claim 1:

As shown in figure 1, Ueno discloses a printing control method (**paragraph [0009], lines 1-2; note that a printing control system is described**), comprising:

a data management operation comprising storing printing data received from a client device (**paragraph [0011], lines 2-4; note that the terminal client generates print data and perform a printing request to the printing control terminal**), in a storage part in association with management information (**24, figure 1; paragraph [0010], lines 5-6; note that the management file gets stored in storage section 24**), and of transmitting said management information to said client device when a printing request received from the client device is a printing request of the type involving the transmission and reception of printing data (**paragraph [0016], lines 1-5; paragraph [0018], lines 5-8; note that after receiving a request from the external terminal device re-printing gets established**);

referencing said storage part and reading out printing data associated with management information received from said client device (**paragraph [0017], lines 4-5; note that the data of page which corresponds from a permanent file are read**) when said printing request is of the type involving the transmission and reception of management information associated with the printing data in the data management operation (**paragraph [0018], lines 5-8; note that the data which correspond from a data file gets read**); and,

executing printing, using said received printing data or on said read-out printing data (**paragraph [0018], lines 7-8; note that based on the read data re-printing is proceeded**).

Ueno discloses all of the subject matter as described as above except for specifically teaching wherein said data management operation selects and deletes

printing data using data selection priority information associated with said management information.

However, Yamada et al. disclose wherein said data management operation selects and deletes printing data using data selection priority information associated with said management information (**column 20, lines 59-66; note that the print data gets selected according to predetermined conditions and deleted based on the print management information. Also, refer to lines 20-25**).

Ueno and Yamada et al. are combinable because they are from the same field of endeavor i.e. network printing. At the time of the invention, it would have been obvious to a person of ordinary skilled in the art wherein said data management operation selects and deletes printing data using data selection priority information associated with said management information. The suggestion/motivation for doing so would have been to reliably and quickly grasp the situation of printing processes at a printer commonly used by plurality of client devices (column 2, lines 19-24). Therefore, it would have been obvious to combine Ueno with Yamada et al. to obtain the invention as specified in claim 1.

(2) regarding claim 3:

Ueno further discloses the printing control method according to claim 1, wherein said data management operation references a rule storage part which stores at least one setting rule for said priority information (**figure 3, paragraph [0014], lines 1-5**), and

sets said priority information (**paragraph [0014], lines 4-5; note that the print data gets prioritized according to the content page**).

(3) regarding claim 4:

Ueno further discloses the printing control method according to claim 3, further comprising registering setting rules in said rule storage part using input from a user (**paragraph [0014]-paragraph [0015], line 3**).

(4) regarding claim 5:

Ueno further discloses the printing control method according to claim 3 or claim 4, wherein said setting rules are composed using at least one among the time of storage, time of use, frequency of use, and data size of the printing data (**paragraph [0014], lines 1-5; note that the print data is stored based on the data size**).

(5) regarding claim 6:

Ueno further discloses a printing system (**paragraph [0009], lines 1-2; note that a printing control system is described**), comprising:

a data management part which stores printing data received from a client device (**paragraph [0011], lines 2-4; note that the terminal client generates print data and perform a printing request to the printing control terminal**) in a storage part in association with management information (**24, figure 1; paragraph [0010], lines 5-6; note that the management file gets stored in storage section 24**), and which

transmits management information to said client device when a printing request received from the client device is a printing request of the type involving the transmission and reception of printing data (**paragraph [0016], lines 1-5; paragraph [0018], lines 5-8; note that after receiving a request from the external terminal device re-printing gets established**);

a referencing part which references said storage part and which reads out printing data associated with management information received from said client device (**paragraph [0017], lines 4-5; note that the data of page which corresponds from a permanent file are read**) when said printing request is of the type involving the transmission and reception of management information associated with the printing data by the data management means (**paragraph [0018], lines 5-8; note that the data which correspond from a data file gets read**); and,

an execution part which executes printing, using said received printing data or said read-out printing data (**paragraph [0018], lines 7-8; note that based on the read data re-printing is proceeded**),

Ueno discloses all of the subject matter as described as above except for specifically teaching wherein said data management operation selects and deletes printing data using data selection priority information associated with said management information.

However, Yamada et al. disclose wherein said data management operation selects and deletes printing data using data selection priority information associated with said management information (**column 20, lines 59-66; note that the print data**

gets selected according to predetermined conditions and deleted based on the print management information. Also, refer to lines 20-25).

Ueno and Yamada et al. are combinable because they are from the same field of endeavor i.e. network printing. At the time of the invention, it would have been obvious to a person of ordinary skill in the art wherein said data management operation selects and deletes printing data using data selection priority information associated with said management information. The suggestion/motivation for doing so would have been to reliably and quickly grasp the situation of printing processes at a printer commonly used by plurality of client devices (column 2, lines 19-24). Therefore, it would have been obvious to combine Ueno with Yamada et al. to obtain the invention as specified in claim 6.

(6) regarding claim 7:

Ueno further discloses a printing system (**paragraph [0009], lines 1-2; note that a printing control system is described**), comprising at least one client device (**10, figure 1**) and a printing device (**20, figure 1; paragraph [0009], lines 6-7**) configured to enable communication with said client device (**paragraph [0009], lines 1-4**), wherein said client device can output two types of printing requests (**paragraph [0011], lines 2-10; note that the terminal device outputs print data and re-print request data 11, figure 1**), consisting of a first type involving the transmission and reception of printing data (**paragraph [0011], lines 2-4; note that the terminal device generates and transmits print data**) and a second type involving the transmission and reception of

management information associated with printing data by the printing device

(paragraph [0011], lines 8-10; note that the re-printing utility 11 outputs the re-print data request),

wherein said printing device **(20, figure 1)**, upon receiving the first type of printing request from a client device **(paragraph [0011], lines 2-4; note that the terminal client generates print data and perform a printing request to the printing control terminal)**, stores printing data received from said client device in association with management information in a storage part **(24, figure 1; paragraph [0010], lines 5-6; note that the management file gets stored in storage section 24)**, transmits said management information to said client device **(paragraph [0012], lines 1-3)**, and executes printing using said printing data **(paragraph [0012], lines 3-4)**; and

wherein said printing device, upon receiving the second type of printing request from a client device **(paragraph [0011], lines 8-10; note that the re-printing utility 11 outputs the re-print data request)**, references said storage part, reads out printing data associated with management information received from said client device **(paragraph [0016], 1-5)**, and executes printing using said read-out printing data **(paragraph [0018], lines 7-8; note that based on the read data re-printing is proceeded)**.

Ueno discloses all of the subject matter as described as above except for specifically teaching wherein said data management operation selects and deletes printing data using data selection priority information associated with said management information.

However, Yamada et al. disclose wherein said data management operation selects and deletes printing data using data selection priority information associated with said management information (**column 20, lines 59-66; note that the print data gets selected according to predetermined conditions and deleted based on the print management information. Also, refer to lines 20-25**).

Ueno and Yamada et al. are combinable because they are from the same field of endeavor i.e. network printing. At the time of the invention, it would have been obvious to a person of ordinary skilled in the art wherein said data management operation selects and deletes printing data using data selection priority information associated with said management information. The suggestion/motivation for doing so would have been to reliably and quickly grasp the situation of printing processes at a printer commonly used by plurality of client devices (column 2, lines 19-24). Therefore, it would have been obvious to combine Ueno with Yamada et al. to obtain the invention as specified in claim 7.

Conclusion

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

7. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Hilina Kassa whose telephone number is (571) 270-1676.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Moore could be reached at (571) 272- 7437. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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/Hilina S Kassa/

Examiner, Art Unit 2625

July 1, 2008

/Edward L. Coles/

Supervisory Patent Examiner, Art Unit 2625